

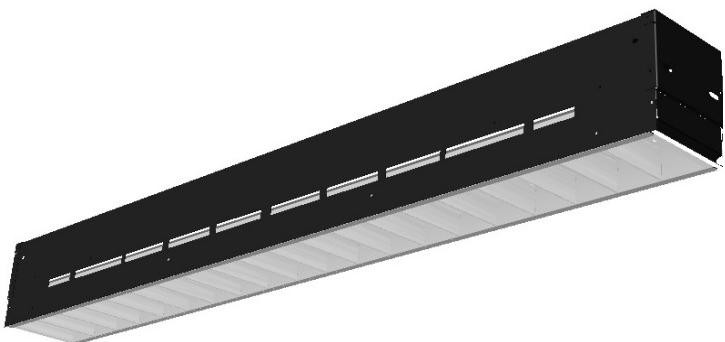
Lytecel Recessed Fluorescent LIS6G20LW154

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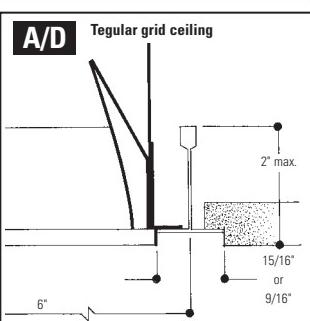
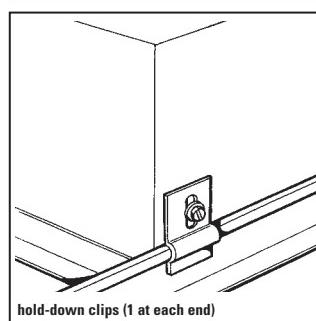
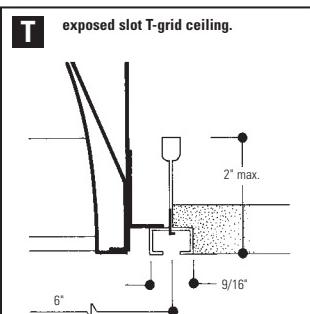
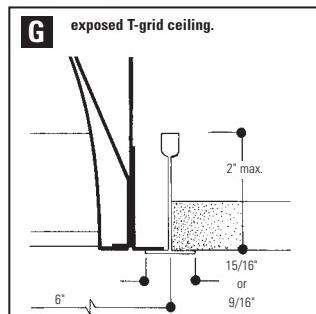
6" wide x 48", 20 Cell (1 Row) Parabolic Louver,
Air Return/Static, 1 Lamp T5, IES RP1 For VDT Areas

Features

- 54.9% efficient (1 lamp) semi-specular louver.
- 58.2% efficient (1 lamp) specular louver.
- 1.6 spacing mounting ratio.
- Semi-specular or specular, low iridescence, pre-anodized aluminum louver.
- Vertical grain on cross blades eliminates reflected lamp image.
- Spring loaded latches (self centering).
- Louver has protective dust guard.
- Only 5-1/2" deep body.
- Black housing exterior for cooler ballast operating temperature.
- UL-Listed twin knockout access plate.
- Can be mounted in continuous rows.
- 2 hold-down clips standard.
- Compatible with **Armstrong TECHZONE™** ceiling systems.
- Meets NYC Code requirements.
- Construction to meet Chicago Plenum Code is available.
- Optional DALI ballast accepts digital dimming commands from computers, scene controllers and automatic control devices.

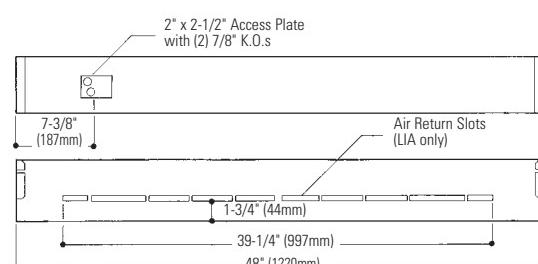
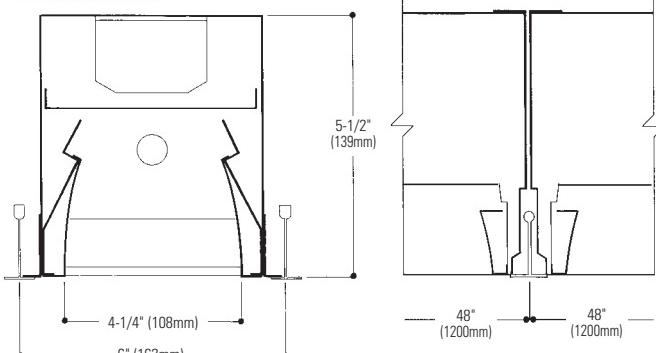


Mounting Methods



Shown in **Armstrong TECHZONE™** ceiling.

Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

LI
G
H
T
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L
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Lytecel Recessed Fluorescent LIS6G20LW154

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Model No. LIS6G20LW154120PG

LER = FP - 40.3 IW - 59.0 BF - 1.0
Comparative yearly lighting energy cost per 1000 lumens = \$5.95

Report Number: G1206004
Catalog Number: LIS6G20LW154120PG

Lamp: F54 T5HO

Luminaire: 6" wide Troffer with semi-specular louver and white reflector.

Ballast: Advance ICN-2554

Report is based on 4400 Lumens per lamp.

Efficiency: 54.9%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

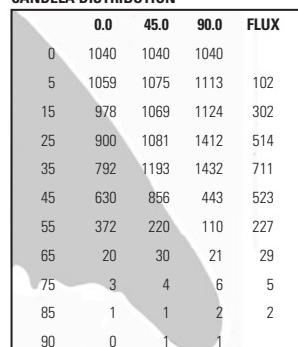
Spacing Criteria: 1.2 1.6

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 47.943 5.816

CANDELA DISTRIBUTION



COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	50	30	10	50
1	61	60	58	56	55	54	53
2	57	54	51	51	49	47	49
3	53	49	45	47	44	42	45
4	50	44	40	42	39	37	41
5	46	40	36	39	35	33	38
6	43	37	32	35	32	29	34
7	40	33	29	32	29	26	32
8	37	31	27	30	26	24	29
9	35	28	24	27	24	21	27
10	33	26	22	25	22	19	25

TYPICAL V.C.P.'s

Mounting Height			
Lengthwise Crosswise			
Room Size	Luminaires 0 Deg Plane	Luminaires 90 Deg Plane	
8.5	10	8.5	10
30x30	89	85	84
40x40	89	86	85
60x30	80	86	85
60x60	89	86	84
100x100	89	86	84

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	4954.	6726.	3485.
55	3605.	2128.	1068.
65	264.	401.	278.
75	63.	84.	135.
85	41.	69.	124.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0-30	918	20.9	38.0
0-40	1629	37.0	67.5
0-60	2379	54.1	98.5
0-90	2414	54.9	100.0
90-180	0	0.0	0.0
0-180	2414	54.9	100.0

Model No. LIS6G20PW154120PG

LER = FP - 43.4 IW - 59.0 BF - 1.0
Comparative yearly lighting energy cost per 1000 lumens = \$5.53

Report Number: G1206005

Catalog Number: LIS6G20PW154120PG

Lamps: F54 T5HO

Luminaire: 6" wide Troffer with specular louver and white reflector.

Ballast: Advance ICN-2554

Report is based on 4400 Lumens per lamp.

Efficiency: 58.2%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

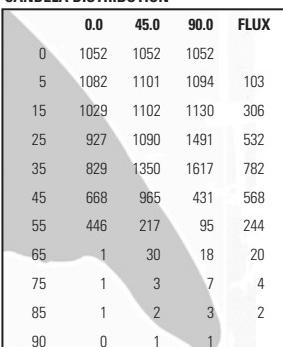
Spacing Criteria: 1.2 1.6

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 47.943 5.816

CANDELA DISTRIBUTION



COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

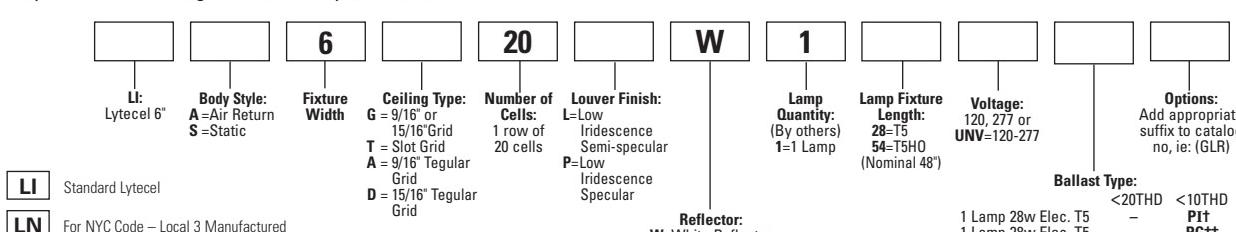
RC	80	50	30	10	50	30	10
RW	70	50	30	50	30	10	50
1	65	63	61	60	58	57	56
2	61	57	54	52	50	52	51
3	57	52	48	49	46	44	45
4	53	47	43	45	41	39	41
5	49	43	38	41	37	34	37
6	45	39	34	37	31	36	33
7	42	35	31	34	30	28	33
8	39	32	28	31	28	25	31
9	37	30	25	29	25	22	25
10	35	28	23	27	23	20	23

TYPICAL V.C.P.'s

Mounting Height			
Lengthwise Crosswise			
Room Size	Luminaires 0 Deg Plane	Luminaires 90 Deg Plane	
8.5	10	8.5	10
30x30	87	76	78
40x40	87	76	78
60x30	87	76	79
60x60	88	77	79
100x100	88	77	79

Ordering Information

Explanation of Catalog Number. Example: LIS6G20LW154120PG



Options/Accessories

Access Plate: Top Wiring access plate is shipped with fixture as standard. When access plates are required in advance for wiring convenience, specify separately.

Order Catalog Number: ACP5 CSP.

Electrical/Wiring Options: Consult factory.

EM Pack or Dimming Ballast: Consult factory.

Fusing: Internal fast-blow fusing. Suffix: GLR.

Internal slow-blow fusing. Suffix: GMF.

Chicago Plenum: Suffix: CP.

Specifications

Performance: In an installation of 1 lamp 54W semi-specular luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .60 with a spacing to mounting ratio of 1.6 perpendicular to the lamps. To meet IES RP-1 for VDT areas the VCP (visual comfort probability) shall not be less than 89 either crosswise or lengthwise and the candela value between 55° and 90° in the 0° to 90° planes shall not exceed 3605. Candelas at Nadir (0°) not to exceed 1040.

Air Handling-(LIA) side air passages for air return.

Materials: Chassis parts are die-formed cold rolled steel.

Louver: Pre-anodized aluminum (Coilzak® or equal).

Specifications (continued)

Finish: Louver—specular or semi-specular low iridescence pre-anodized reflector sheet. **Reflector:** White baked polyester enamel reflector. **Chassis exterior**—black baked polyester enamel.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3' of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W./UL and U.Lc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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Section 2/Folio G07-38

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